ABSTRACT

~~Presented are~~ <u>Computer program products</u>, methods, systems, and apparatus for <u>fingerprinting</u> ~~finger printing~~ and process matching process tools such as process

5   tools used for processing workpieces <u>are described</u>. <u>One embodiment includes a method of matching a first data set and a second data set where the first data set and the second data set include an operating characteristic for a process. The method comprises the steps of: i. fingerprinting the first data set and the second data set; ii. finding correspondences between transition points in the first data set and the second</u>

10   <u>data set; and iii. comparing the first data set and second data set using the correspondences from step ii to determine whether the first data set and the second data set match.</u>